

DISPLAYS USING SOLID STATE LIGHT SOURCES

ABSTRACT

Methods and systems are disclosed for displaying images represented by image-representative video signals. In one embodiment, an apparatus is provided for displaying images represented by image-representative input signals, including: rows of micro light sources, such as microlasers or LEDs for producing sheets of light; a diffractive panel, in the path of the sheets of light, which receives the input signals and diffracts the sheets of light to obtain diffracted light imparted with image-representative information; and a Schlieren optical system for processing the diffracted light to produce images represented by the image-representative input signals.